Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002630.D
Acq On : 01 Sep 2015 16:05
Operator : UM/IZ
Sample : G3456-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E91

Manual Integrations APPROVED
MMDadoda
9/2/2015 1:35:53 PM

Quant Time: Sep 01 17:05:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 07:11:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	122450	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	534076	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	256478	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	429459	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	392820	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	404209	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	802053	30.59	ng/ul	0.00
10) Fluorene-d10	16.34	176	475333	25.81	ng/ul	0.00
14) Anthracene-d10	18.17	188	602396	29.08	ng/ul	0.00
18) Pyrene-d10	20.40	212	446212	25.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	389275	18.33	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	30316	1.22	ng/ul	98
16) Fluoranthene	20.07	202	60380	2.15	ng/ul	99
19) Pyrene	20.43	202	54942	2.39	ng/ul	97
20) Benzo(a)anthracene	22.14	228	36069	1.54	ng/ul	97
21) Chrysene	22.20	228	39925	1.82	ng/ul	97
23) Benzo(b)fluoranthene	23.98	252	64704	2.65	ng/ul#	92
24) Benzo(k)fluoranthene	24.02	252	23569m	1.02	ng/ul	
26) Benzo(a)pyrene	24.67	252	45353	1.94	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.56	276	36173	1.35	ng/ul	96
29) Benzo(g,h,i)perylene	28.42	276	39516	1.77	ng/ul	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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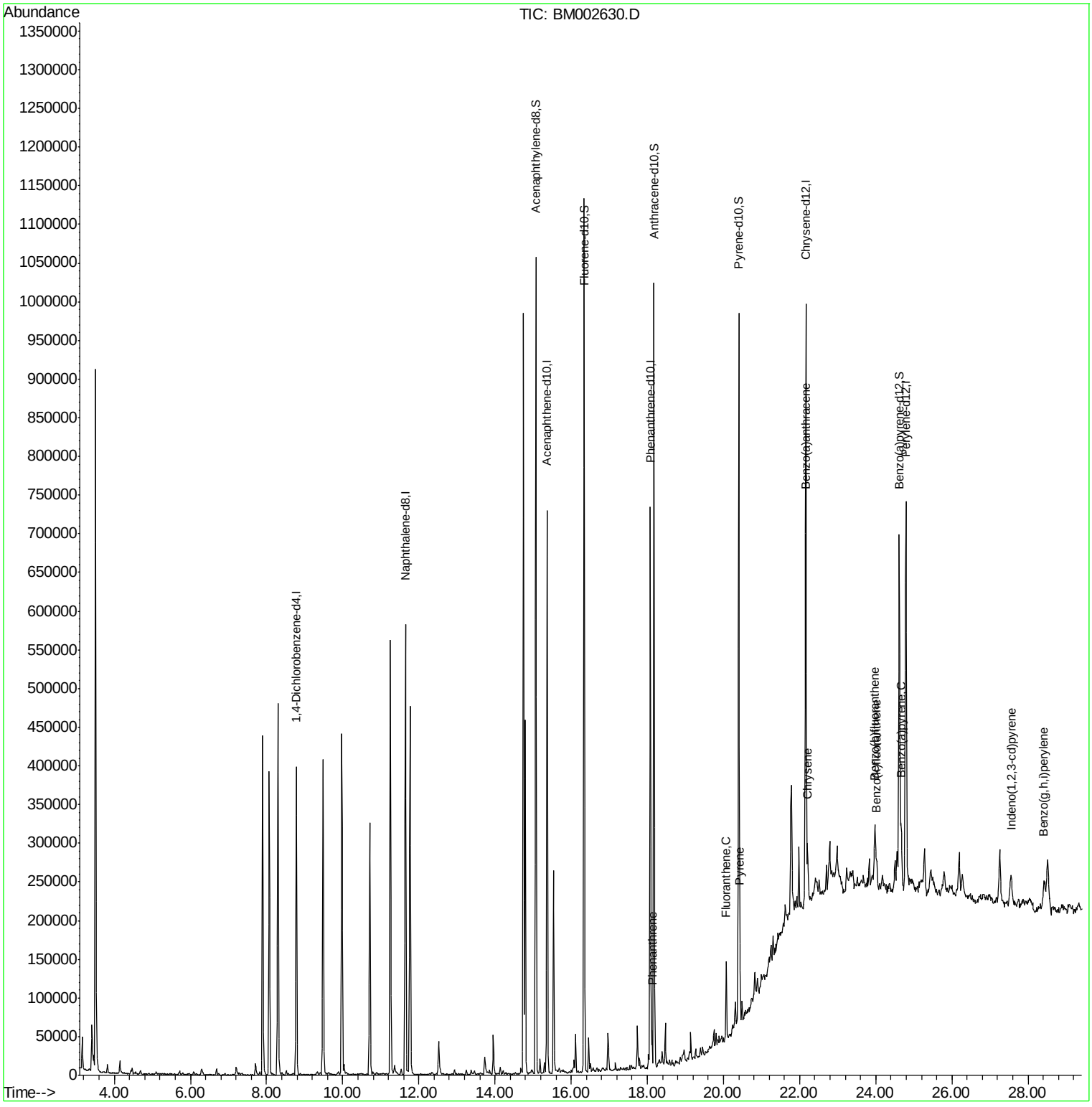
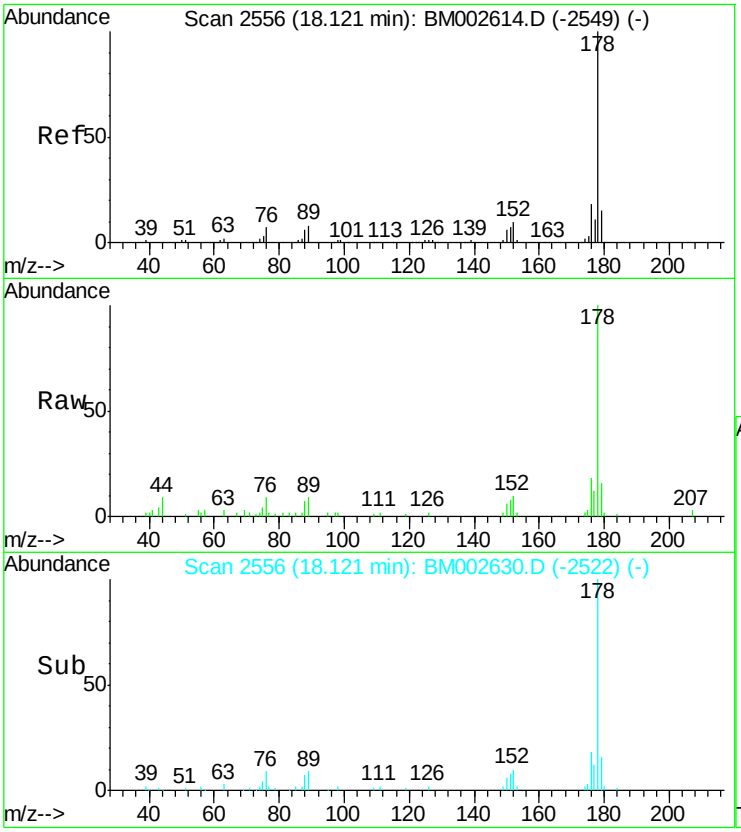
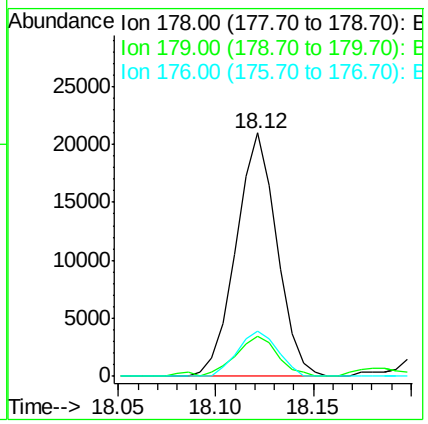




#13
Phenanthrene
Concen: 1.22 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:178 Resp: 30316

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	18.4	15.1	22.7



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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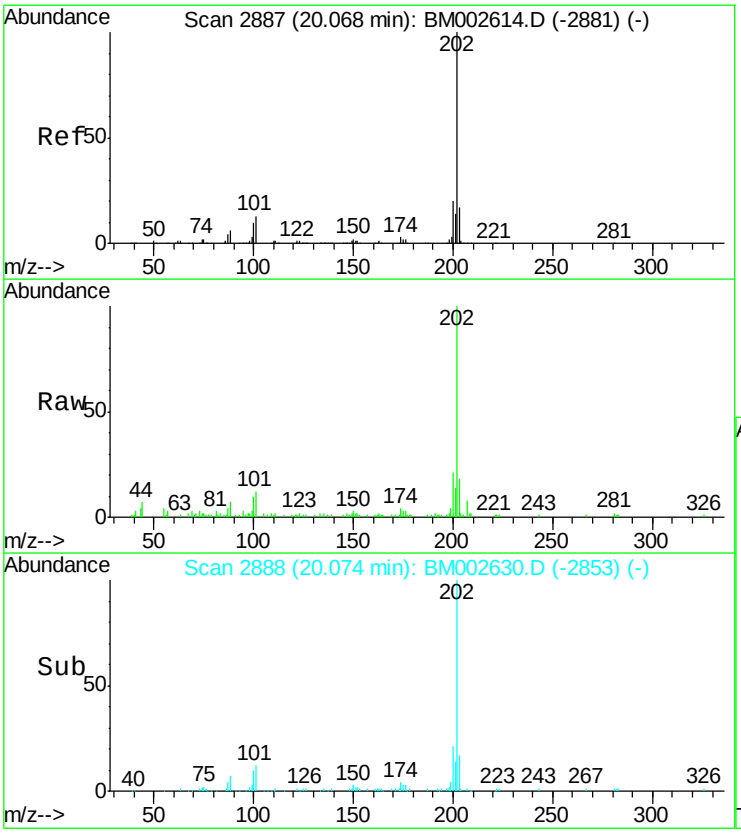
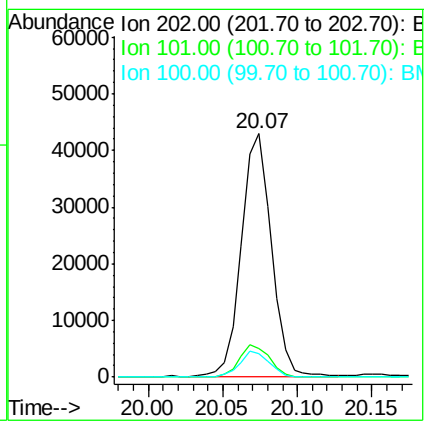
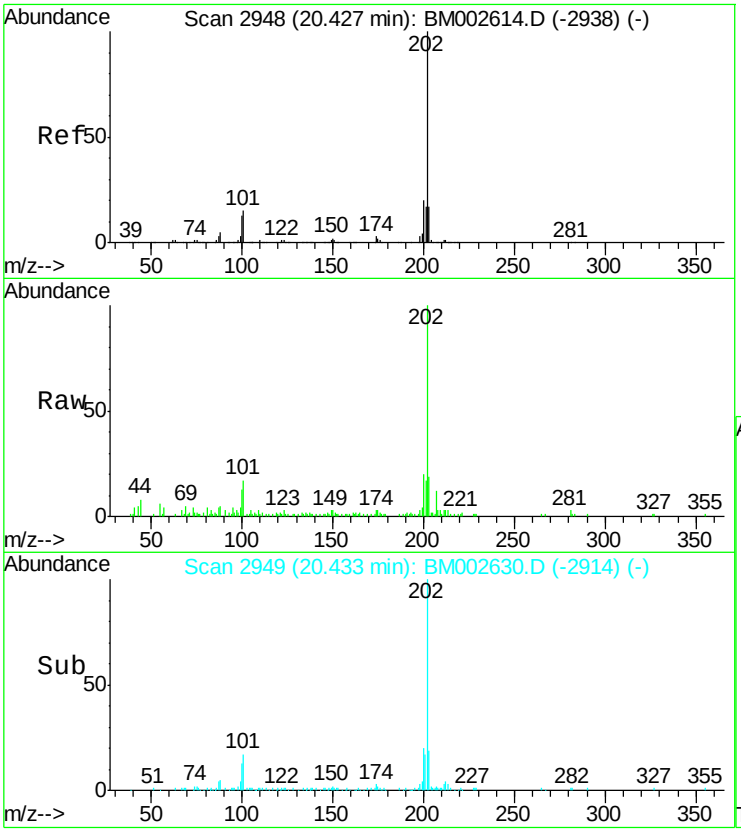


#16
Fluoranthene
Concen: 2.15 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:202 Resp: 60380

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
100	9.8	7.4	11.2

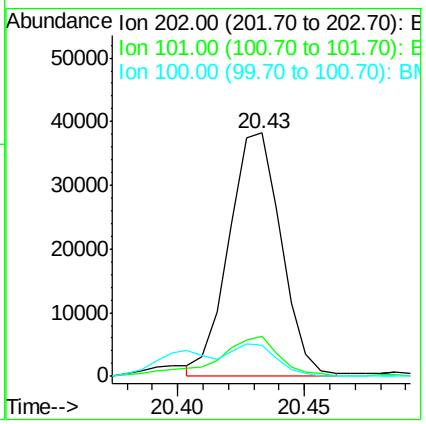




#19
Pyrene
Concen: 2.39 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:202 Resp: 54942

Ion	Ratio	Lower	Upper
202	100		
101	16.5	12.0	18.0
100	13.0	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9E91

Manual Integrations APPROVED
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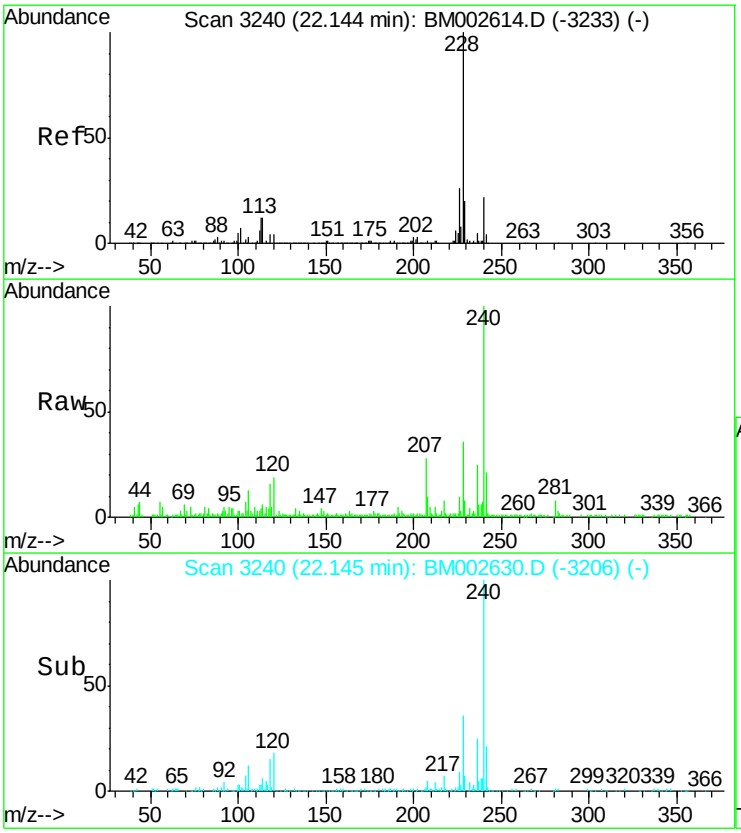
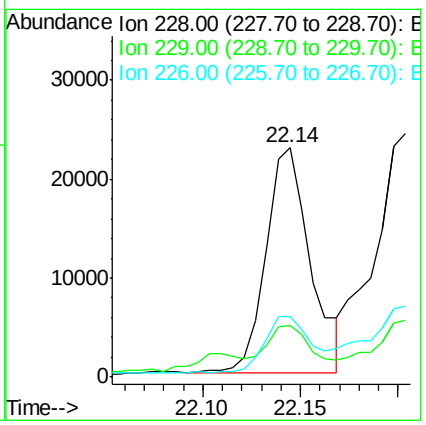
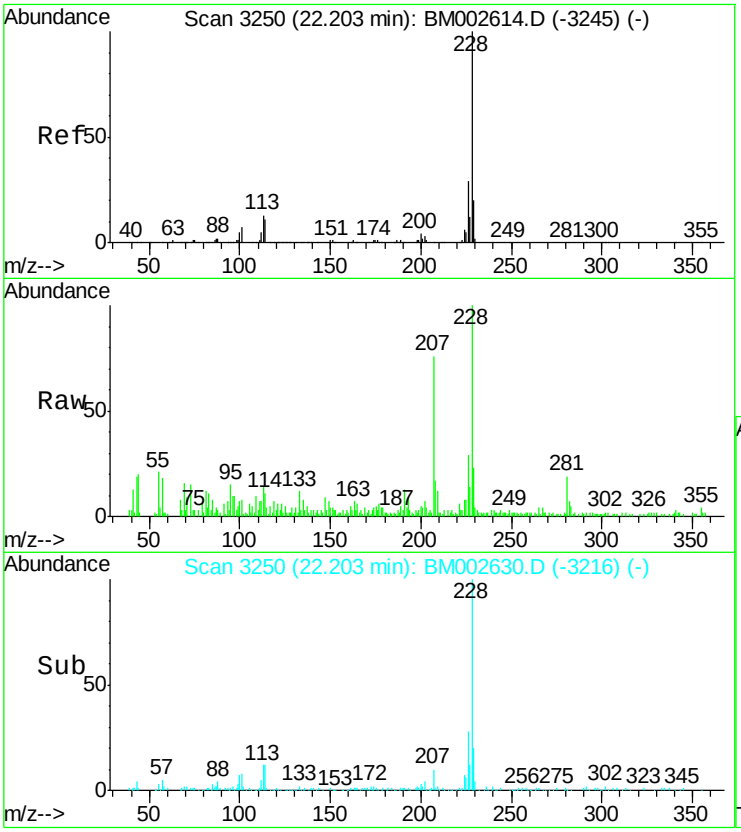


#20
Benzo(a)anthracene
Concen: 1.54 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:228 Resp: 36069

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.6
226	26.6	21.1	31.7

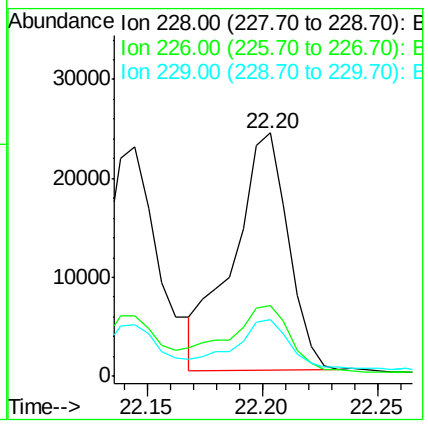




#21
Chrysene
Concen: 1.82 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:228 Resp: 39925

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	23.1	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
D9E91

Manual Integrations APPROVED
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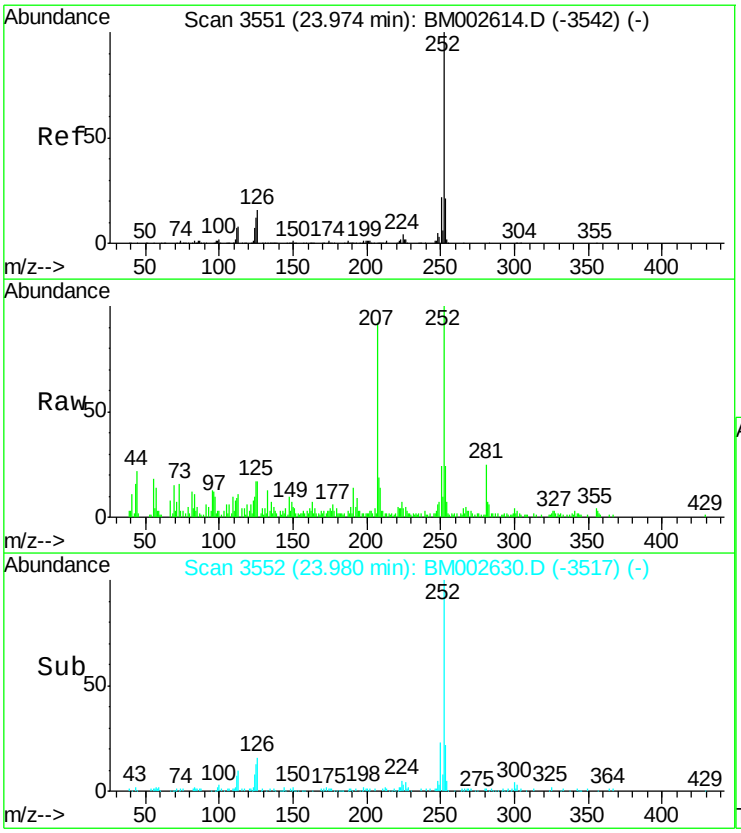
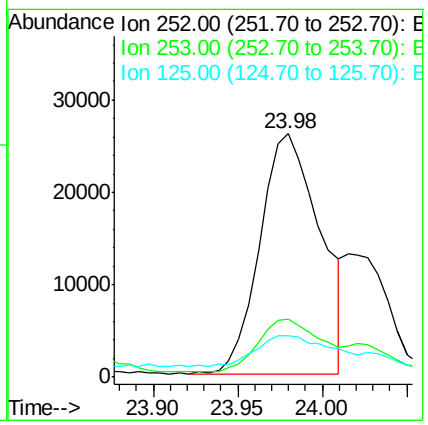
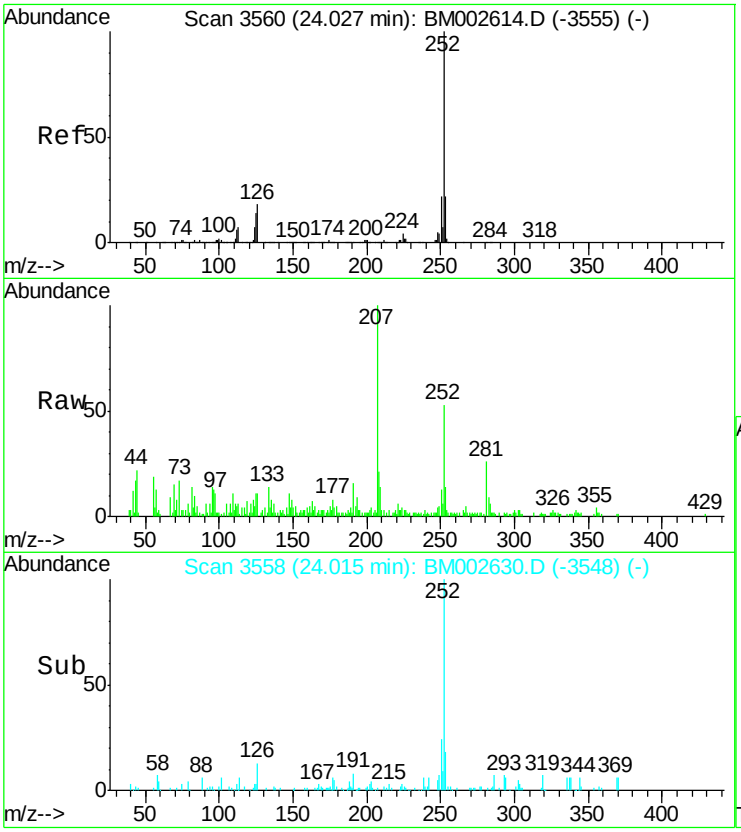


#23
Benzo(b)fluoranthene
Concen: 2.65 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:252 Resp: 64704

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	17.1	10.0	15.0#

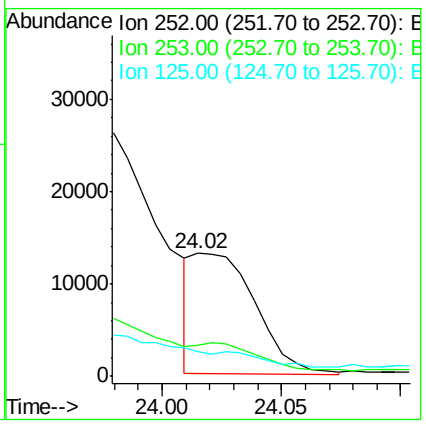




#24
Benzo(k)fluoranthene
Concen: 1.02 ng/ul m
RT: 24.02 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:252 Resp: 23569

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.6
125	19.9	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
D9E91

Manual Integrations APPROVED
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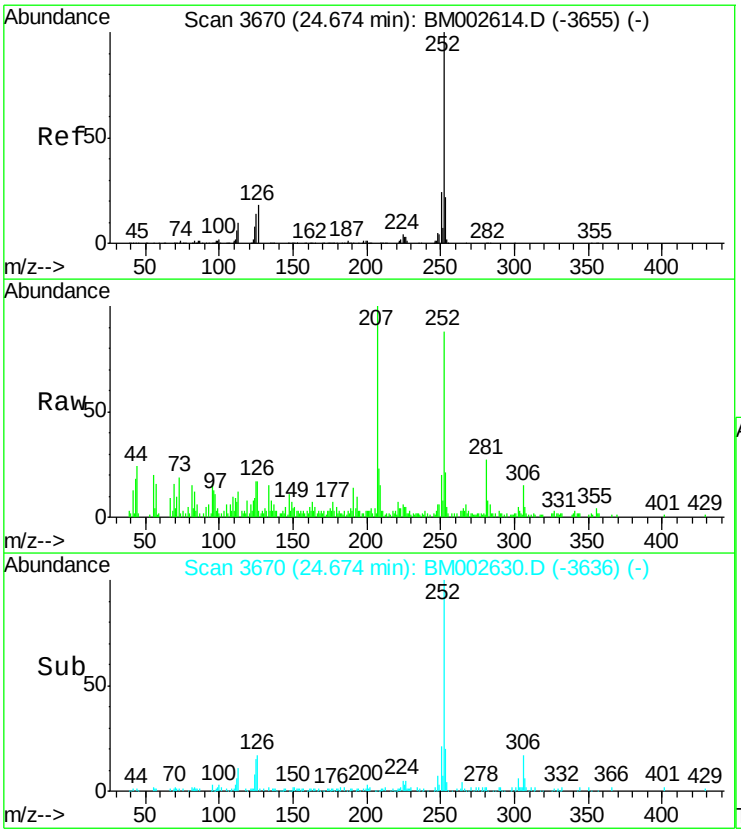
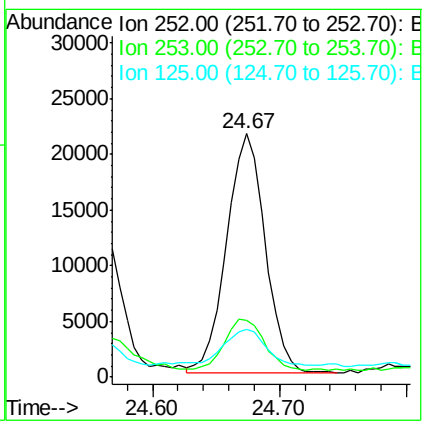
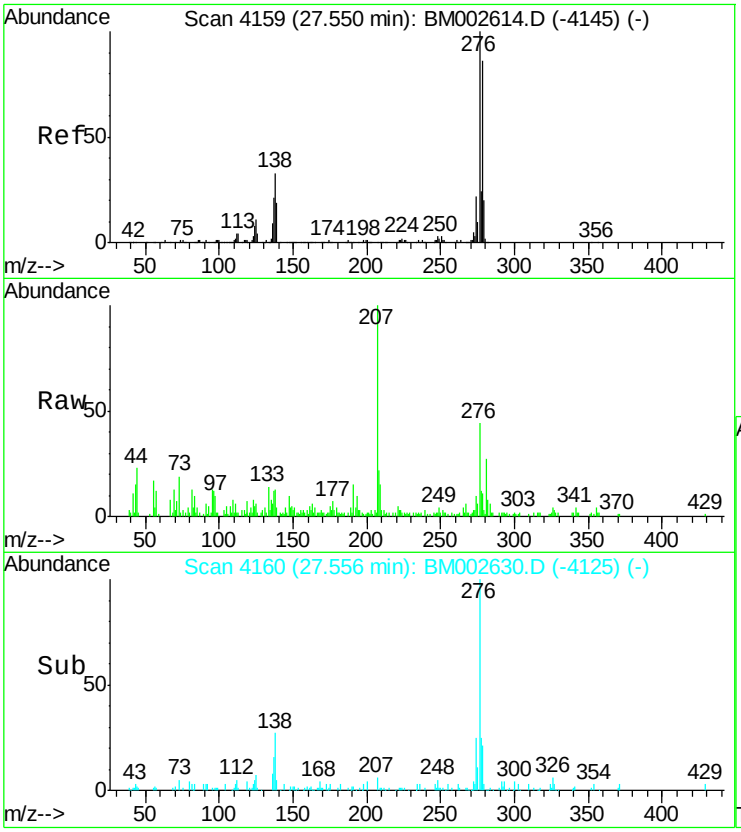


#26
Benzo(a)pyrene
Concen: 1.94 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. 0.00 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:252 Resp: 45353

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	19.4	10.7	16.1#

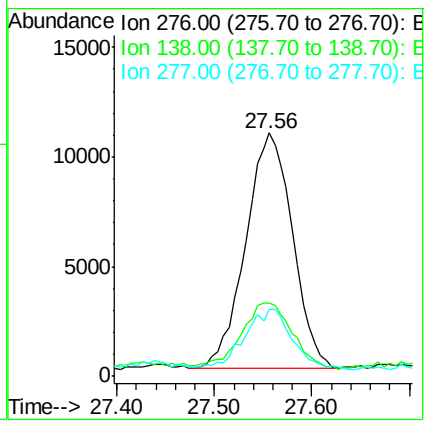




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.35 ng/ul
RT: 27.56 min Scan# 4160
Delta R.T. 0.01 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:276 Resp: 36173

Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.3	37.9
277	27.7	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9E91

Manual Integrations APPROVED
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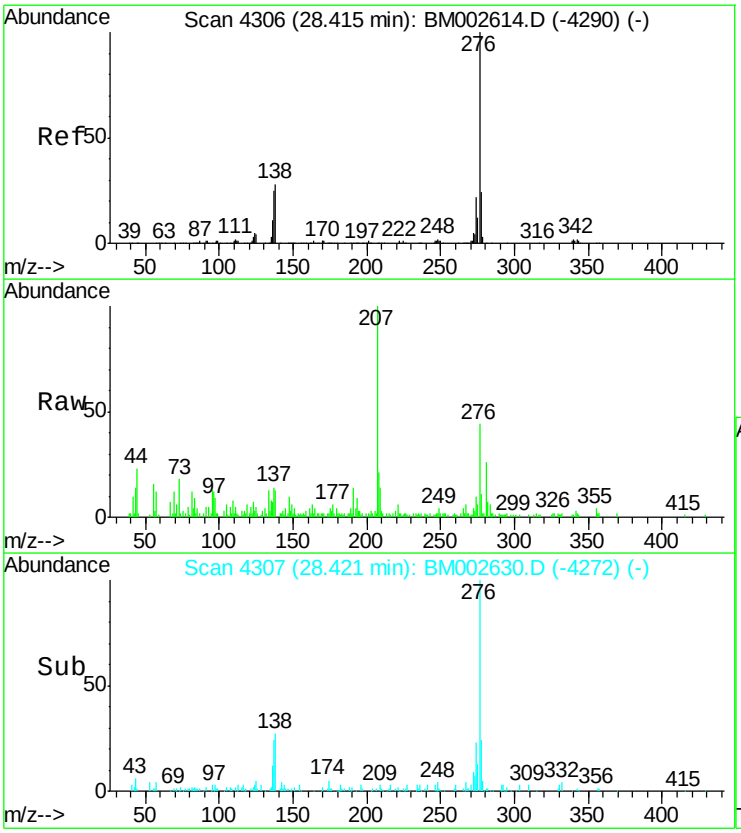

#29
Benzo(g,h,i)perylene
Concen: 1.77 ng/ul
RT: 28.42 min Scan# 4307
Delta R.T. 0.01 min
Lab File: BM002630.D
Acq: 01 Sep 2015 16:05

Tgt Ion:276 Resp: 39516

Ion	Ratio	Lower	Upper
276	100		
138	30.3	21.0	31.6
277	26.0	19.2	28.8